

PTO/SB/24 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**EXPRESS ABANDONMENT UNDER
37 CFR 1.138**

Fax directly to the Pre-Grant Publication Division at (703) 305-8568; or
mail to: Mail Stop Express Abandonment
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	10/816,363
Filing Date	April 1, 2004
First Named Inventor	Liu et al.
Art Unit	1742
Examiner Name	W. Leader
Attorney Docket Number	37505.0285

Please check only one of boxes 1 or 2 below:

(If no box is checked, this paper will be treated as a request for express abandonment as if box 1 is checked.)

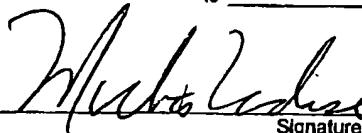
1. **Express Abandonment**

I request that the above-identified application be expressly abandoned as of the filing date of this paper.

2. **Express Abandonment in Favor of a Continuing Application**

I request that the above-identified application be expressly abandoned as of the filing date accorded the continuing application filed previously or herewith.

NOTE: A paper requesting express abandonment of an application is not effective unless and until an appropriate USPTO official recognizes and acts on the paper. See the Manual of Patent Examining Procedure (MPEP), section 711.01.

TO AVOID PUBLICATION, USE FORM PTO/SB/24A INSTEAD OF THIS FORM.**TO REQUEST A REFUND OF SEARCH FEE AND EXCESS CLAIMS FEE (IF ELIGIBLE), USE FORM PTO/SB/24B INSTEAD OF THIS FORM.**I am the: applicant. assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96) attorney or agent of record. Attorney or agent registration number is 34,920 attorney or agent acting under 37 CFR 1.34, who is authorized under 37 CFR 1.138(b) because
the application is expressly abandoned in favor of
a continuing application (box 2 above must be checked). Attorney or agent registration number
is _____


Signature

Michael F. Scalise

Typed or printed name

November 22, 2006

Date

716-759-5810

Telephone Number

Note: Signature of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process an application). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Express Abandonment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Greatbatch, Inc.
9645 Wehrle Drive, Clarence, N.Y. 14031 U.S.A.
www.greatbatch.com

Fax: (716) 759-5815 Telephone: (716) 759-6901

Fax To: Pre-Grant Publication Division

Date: November 22, 2006

Fax No: 703-305-8568

No. of pages (incl. Cover) 2

From: Michael Scalise

Telephone No.: (716) 759-5810

Re: 37505.0285